Secondary Spotlight

3rd November 2017, Edition 10

Secondary Notices

Friday 3rd November:	**DCA Trunk or Treat**
Friday 10th November:	**Non-uniform day to fundraise for Save the Children**
Tuesday 14th November:	**Parent Workshop**
	Online Safety, 8:45 a.m. Cooper Hall
Tuesday 28th November:	**Parent Workshop**
	IB Diploma, 8:45 a.m. Cooper Hall

Charity Update

A few weeks ago, Central America and the Caribbean were drastically effected by natural disasters including an earthquake in Mexico. Although this is no longer in the news there is still a need to support people in the region. As such, on Friday the 10th of November, DCIS will be holding a fundraising event to support the relief efforts in Mexico and the region. Students who donate $2 to the cause will be invited to wear non-uniform for the day. The money raised will be donated to *Save the Children* for their projects in the area. The Singapore *Save the Children* fund representative will visit the school later in the term to give us more information on how our money is being spent.

Sports Report

It was a busy week for the secondary sports teams. The U16 Girls Football finished 5th in their league, while the U16 Boys finished 7th. The U12 Rugby team won the 2nd division on the final day of games. We were also delighted that, for the second year in a row, Indira Patel won the Cross-Country Seniors Competition.

Our subject in the Spotlight this week is… ICT

Year 7: Year 7 students have been understanding how data of various types can be represented and manipulated digitally, in the forms of binary digits. They have been learning to use an ASCII table to convert keyboard characters to ASCII code and their equivalent binary numbers. The students have also been introduced to computational thinking in the forms of decomposition, pattern recognition, abstraction, algorithms, testing and debugging.

Year 8: In Year 8, students have been learning about the uses and how to write pseudocode to design and plan simple algorithms using the correct language and taking into account basic programming concepts. The students have also been introduced to new skills and concepts regarding how spreadsheets are used, including applying basic formatting, writing different formulas and using functions to calculate totals, averages and understanding about absolute cell referencing.

Year 9: Year 9 have been developing their skills using Google SketchUp. They have focused on using tools such as scale, orbit, pan and move to produce a 3D chair. The students have been recommended to download the free software at home to improve their skills, particularly those interested in pursuing a career in design, engineering and computing.

Year 10: The Year 10 ICT students have been developing their database skills, in particular learning about queries, reports and data integrity. They have been relating databases to real world systems and exploring the security aspects regarding encryption, data handling and the data protection act.

Year 11: The Year 11 ICT students have been revisiting databases in preparation for their examination in June. They have been looking over the use of queries, forms and reports alongside some additional examination theory revision. The additional focus for the students has been the longer exam-style questions.

Update from IB Coordinator

Our IB students have been reflecting on their Parents' Evening feedback as they prepare to write their Term 1 Student Reflections. Work has also begun on their assembly for the Secondary School, in which they plan to give younger students an insight into the Creativity, Action and Service component of the IB Diploma.